

- [54] **AUTOMATIC FOCUS CONTROL FOR AN IMAGE MAGNIFICATION SYSTEM**
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[57] **ABSTRACT**

An automatic focus control system and related method of operation are provided for use in a closed circuit television system of the type designed for magnification of written images and the like, thereby permitting facilitated reading or viewing by persons with restricted vision. The focus control system responds to selected characteristics of a video signal to adjust the focus setting of a signal-producing video camera for substantially optimum image focus resolution. The focus control system operates initially in a scan mode to rapidly adjust the camera focus setting until the selected signal characteristics exceed a predetermined threshold, whereupon the system switches to a fine adjustment mode utilizing a sampling algorithm to achieve a substantially optimum focus setting.

13 Claims, 2 Drawing Sheets

